

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,031,090 B2  
APPLICATION NO. : 10/045738  
DATED : April 18, 2006  
INVENTOR(S) : Ichihara et al.

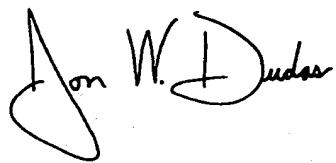
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 27, line 32, delete "paffern and insert --pattern--.

Signed and Sealed this

Twenty-second Day of August, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*